

REMARKS

The Office Action of September 8, 2003 has been received and carefully reviewed. Accordingly, claims 1, 2, 5-7, 10 and 12-15 have been amended, and, therefore, claims 1-15 remain pending. In view of the following remarks, further consideration of this application is now requested.

With regard to the Examiner's objection to the drawings, under 37 C.F.R. 1.84, the Applicants hereby submit new drawing sheets 1-11, containing Figures 1-13, correcting the deficiencies noted in PTO-948 attached to the Office Action. Acceptance of the new drawing sheets is respectfully requested.

Turning to the formality rejection of claims 1-14, under §112 (second paragraph), the above amendments to claims 1, 2, 6, 7 and 12-15 to provide the required structure for the functions specified in those claims are believed sufficient to overcome the current formality rejection. Further, it is noted that the Office Action of September 8, 2003 only treats claims 1-14, under 35 U.S.C. §112 (and §102(b)); however, claims 1-15 are currently pending. Since claim 15 was not addressed by the formality rejection, it is assumed that claim 15 would be allowed if placed into proper independent form (including the limitations of base claim 14). Consequently, it is respectfully requested (as a result of the above amendment to claim 14) that the Examiner specifically indicate in the next Office Action the allowance of claim 15.

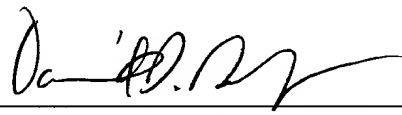
With regard to the Examiner's rejections, under §102(b), of claims 1-14 as being anticipated by either the Nakatani et al. ('339) or Zhou et al. ('961) patents, the Applicants point out (and the Examiner concurs in the September 8, 2003 Office Action) that neither Nakatani et al. or Zhou et al. teach or suggest a magnetic pulse compression circuit which includes a means for providing an output waveform of the laser pulse, wherein the output waveform has a bifurcated form comprising a front half peak and a back half peak, and if the peak value of the front half peak is P_1 , the peak value of the back half peak is P_2 and the (proportion of the pulse back half peak) = $P_2 / (P_1 + P_2) \times 100$ (%), then the (proportion of the pulse back half peak) is

50% or more. Since neither patent teaches this feature, anticipation cannot be established by either reference; consequently, it is requested that the rejections of claims 1-14, under § 102(b), be withdrawn.

While the present application is now believed to be in condition for allowance, should the Examiner find some issue to remain unresolved, or should any new issues arise, which could be eliminated through discussions with Applicants' representative, then the Examiner is invited to contact the undersigned by telephone in order that the further prosecution of this application can thereby be expedited.

Lastly, it is noted that a separate Extension of Time Petition accompanies this response along with an authorization to charge the requisite extension of time fee to Deposit Account No. 19-2380 (740145-195). However, should that petition become separated from this Amendment, then this Amendment should be construed as containing such a petition. Likewise, any overage or shortage in the required payment should be applied to Deposit Account No. 19-2380 (740145-195).

Respectfully submitted,

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